

## Contents Volume 58, 2002

### Research Papers

Relative and 'absolute' dating of land surfaces A.L. Watchman and C.R. Twidale . . . . .	I
The dissolution kinetics of major sedimentary carbonate minerals J.W. Morse and R.S. Arvidson . . . . .	51
Development of structures under the influence of heterogeneous flow field around rigid inclusions: insights from theoretical and numerical models S.K. Samanta, N. Mandal and C. Chakraborty . . . . .	85
Propagation, interaction and linkage in normal fault systems D.C.P. Peacock . . . . .	121
Seismicity of mid-oceanic ridges and its geodynamic implications: a review D.V. Rundquist and P.O. Sobolev . . . . .	143
Structure and composition of organic reefs and carbonate mud mounds: concepts and categories R. Riding . . . . .	163

### Earth Reflections

From the benefits of micro to the threats of nano for the ore-mining and ore-refining sectors A.J. van Loon . . . . .	233
--	-----

Book Review . . . . .	243
-----------------------	-----

Publisher's Note . . . . .	245
----------------------------	-----

### Review Papers

The carbon isotope geochemistry of mantle xenoliths P. Deines . . . . .	247
A review of recent studies of triggered earthquakes by artificial water reservoirs with special emphasis on earthquakes in Koyna, India H.K. Gupta . . . . .	279
Ten turbidite myths G. Shanmugam . . . . .	311
Hydrogeologic processes in saline systems: playas, sabkhas, and saline lakes Y. Yechieli and W.W. Wood . . . . .	343
Microbial production and oxidation of methane in deep subsurface S. Kotelnikova . . . . .	367

Book Review . . . . .	397
-----------------------	-----

Contents Volume 58, 2002 . . . . .	399
------------------------------------	-----

T

L

8

2

